

FORM PTO-1390  
(REV. 12-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

UDL-126

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

10/522643

INTERNATIONAL APPLICATION NO.

PCT/GB2003/003366

INTERNATIONAL FILING DATE

01 August 2003

PRIORITY DATE CLAIMED

02 August 2002

TITLE OF INVENTION

COOLER STRUCTURE FOR SURFACE COOLING

APPLICANT(S) FOR DO/EO/US

DAVIES, Christopher, BLOOMFIELD, Martin, and ZAHEDI, Mir Saeed

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).


## Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.55) <div style="font-size: 2em; font-weight: bold;">10/522643</div>		INTERNATIONAL APPLICATION NO. PCT/GB2003/003366		ATTORNEY'S DOCKET NUMBER UDL-126	
21 <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1110.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$950.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$790.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$750.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>          <div style="border: 1px solid black; padding: 5px; width: 100%;"> <div style="display: flex; justify-content: space-between;"> <span>\$</span> <span>1,000.00</span> </div> </div>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<div style="border: 1px solid black; padding: 5px; width: 100%;"> <div style="display: flex; justify-content: space-between;"> <span>\$</span> <span></span> </div> </div>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	23 - 20 =	3	x \$50.00	\$ 150.00	
Independent claims	3 - 3 =	0	x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,150.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<div style="border: 1px solid black; padding: 5px; width: 100%;"> <div style="display: flex; justify-content: space-between;"> <span>\$</span> <span></span> </div> </div>	
<b>SUBTOTAL =</b>				\$ 1,150.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<div style="border: 1px solid black; padding: 5px; width: 100%;"> <div style="display: flex; justify-content: space-between;"> <span>\$</span> <span></span> </div> </div>	
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				<div style="border: 1px solid black; padding: 5px; width: 100%;"> <div style="display: flex; justify-content: space-between;"> <span>\$</span> <span></span> </div> </div>	
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,150.00	
				Amount to be refunded:	\$
				charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,150.00</u> to cover the above fees is enclosed.  b. <input type="checkbox"/> Please charge my Deposit Account No. <u>07-1732</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-1732</u> . A duplicate copy of this sheet is enclosed.  d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card</b> <b>information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           Customer No. <u>36822</u>            Gordon &amp; Jacobson, P.C.            60 Long Ridge Road            Suite 407            Stamford, CT 06902         </div> <div style="width: 45%; text-align: right;"> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="font-size: 0.8em;">SIGNATURE</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Jay P. Sbröllini</div> <div style="font-size: 0.8em;">NAME</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">36,266</div> <div style="font-size: 0.8em;">REGISTRATION NUMBER</div> </div> </div>					

0.1-27-05 10/522643  
JT12 Rec'd PCT/PTO 26 JAN 2005


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christopher Davies et al.

Intern'l Appln. No.: PCT/GB03/003366

Examiner:

Intern'l Filing Date: 01 August 2003

Title: Cooler Structure for Surface Cooling

Attorney Docket: UDL-126

Commissioner of Patents and Trademarks  
PO Box 1450  
Alexandria, VA 22313-1450

ATTN: ISA/US


Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

"Express Mail" Mailing Number EV 555 860 949

Date of Deposit: January 26, 2005

I hereby certify that the attached 35 USC 371 Request for Commencement of US National Stage (Form PTO-1390), patent application, all supporting documents as noted on Form PTO-1390 and filing fee for the application identified above, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

  
Jay P. Sbrollini  
Reg. #36,266

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